

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                               |   |                  |
|-------------|-------------------------------|---|------------------|
| Applicant:  | Paul K. Smith                 | ) |                  |
| Serial No.: | Not Yet Assigned              | ) | Attorney Docket: |
|             |                               | ) | 7587/91197       |
| Filed:      | December 19, 2003             | ) | PKS-102.0 Div. I |
|             |                               | ) | Examiner:        |
| For:        | ACTIVATED POLYETHYLENE GLYCOL | ) | Not Yet Assigned |
|             | COMPOUNDS                     | ) |                  |

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.97, a list of documents that may be material to the examination of this application is provided on the attached Form PTO-SB/08. Listed Documents A1 to A25 and B1 to B2 are U.S. and foreign patents, and/or pertinent articles that may be relevant to the examination of the present application.

Documents A1 to A25 listed on the attached Form PTO-SB/08 were cited and supplied to the Patent and Trademark Office in the parental application, Serial No. 10/105,644, filed March 25, 2002, the benefit of which filing date is claimed herein. Pursuant to 37 C.F.R. 1.98(d), it is understood that only a list of art is required inasmuch as the art has been provided and discussed previously.

Information Disclosure Statement  
December 19, 2003

Documents for which the supplied date of publication lists the year of publication without the month were published sufficiently earlier than the effective U.S. filing date and any foreign priority date, so that the particular month of publication is not in issue. Pursuant to §609 of the MPEP, it is understood that the month of publication is not required when the particular month of publication is not in issue.

No inferences should be drawn that the attached list represents a comprehensive investigation, or that any material disclosed is equivalent to the subject invention. In addition, none of the documents that have publication dates prior to the priority date of the above application anticipate the invention in this application.

The cited documents disclose numerous specific features. There has been no attempt to list each and every feature disclosed by each document. The Examiner is requested to review the documents and determine the extent of the materiality of the document disclosures with respect to the present invention.

The discussion of any art and the citation of any document herein is not to be construed as an admission that the art or document disclosure is necessarily within the invention field of endeavor, that the art or document disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that the art

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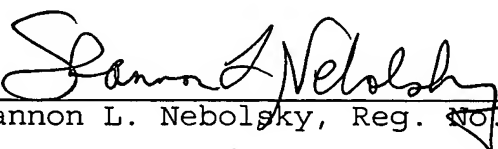
or document disclosure is otherwise necessarily prior art as defined by the patent law with respect to the instant invention and application.

Also, there is reserved the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosures of the art and documents recited herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

The recitation herein of the art and documents is not to be construed as an assertion that more pertinent art could not possibly be in existence.


No further fee or petition is believed to be necessary. However, should any fee be needed, please charge our Deposit Account No. 23-0920, and deem this paper to be the required petition.

Respectfully submitted,

By   
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary)               |   |    |   | Application Number       | Not Yet Assigned              |
|   |   |    |   | Filing Date              | December 19, 2003             |
|   |   |    |   | First Named Inventor     | Paul K. Smith                 |
|   |   |    |   | Art Unit                 |                               |
|   |   |    |   | Examiner Name            |                               |
| Sheet   | 1 | of | 2 | Attorney Docket Number   | 7587/91197 (PKS 102.0 Div. I) |

| U.S. PATENT DOCUMENTS |                          |   |                                |  |   |
|-----------------------|--------------------------|---|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number<br>Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | A1                       | US-5,585,484  | 12/17/96                       | Acharya <i>et al.</i>                              |   |
|                       | A2                       | US-5,750,725  | 5/12/98                        | Acharya <i>et al.</i>                              |   |
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| FOREIGN PATENT DOCUMENTS |                          |  |                                |  |   |                |
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| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          | A9                       | EP 0 157 899-B1  | 10/16/86                       | American Cyanamid<br>Company                       |   |                |
|                          | A10                      | EP 0 126 043 A1  | 11/21/84                       | Svenska Sockerfabrics                              |   |                |
|                          | A11                      | EP-0157 899 A2   | 10/16/85                       | American Cyanamid<br>Company                       |   |                |
|                          | A12                      | EP-0126 043 B1   | 11/21/84                       | Andersson, et al.                                  |   |                |

| OTHER ART - NON PATENT LITERATURE DOCUMENTS |                       |   |                 |  |
|---|-----------------------|---|-----------------|--|
| Examiner Initials*                          | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup>  |  |
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|   | A16                   | SHEARWATER CORPORATION, <u>Catalog 2001: Polyethylene Glycol and Derivatives for Biomedical Applications</u> , Huntsville, AL 35801, (pp. 1-17)   |                 |  |
|   | A17                   | Susan BUDAVARI, <i>et al.</i> , eds., <u>Merck Index, 11<sup>th</sup> Ed.</u> , Merck & Co., Inc. (Rahway, N.J.: 1989), p. 7275, Compound No. 7268  |                 |  |
| Examiner Signature                          |                       |   | Date Considered |  |

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|  |   |    | Art Unit                 |                        |                               |
|  |   |    | Examiner Name            |                        |                               |
| Sheet  | 2 | of | 2                        | Attorney Docket Number | 7587/91197 (PKS 102.0 Div. I) |

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| A20 | WITTE et al., "Enzymatic Glycoprotein Synthesis: Preparation of Ribonuclease Glycoforms via Enzymatic Glycopeptide Condensation and Glycosylation," (1997) <i>J. Am. Chem. Soc.</i> , 119:2114-2118  |  |
| A21 | Michael E. ANNUNZIATO, et al., "p-Maleimidophenyl Isocyanate: A Novel Heterobifunctional Linker for Hydroxyl to Thiol Coupling," <i>Bioconjugate Chem.</i> , 4:212-218 (1993)  |  |
| A22 | ALDRICH, Aldrich: Catalog Handbook of Fine Chemicals, (1998-1999), p. 83, Product No. 18,627-9   |  |
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| B2  | VISWANATHAN, et al., Indian Journal of Chemistry, 20B, 308-310, 1981   |  |
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